

## **AMENDMENTS TO THE CLAIMS**

*This listing of claims will replace all prior versions, and listings, of claims in the application.*

### ***Listing of Claims:***

1. (Currently Amended) A security system comprising:

a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as an Alarm Video;

a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server in substantially real time through the first network;

wherein the security system server is further operatively coupled to the security gateway through a second network,

wherein the security gateway is configured to notify the security system server of the alarm condition through the second network, **[[and]]**

wherein the security gateway is further configured to notify the security system server of the alarm condition through the first network substantially simultaneously with notifying the security system server of the alarm condition through the second network; **and**

**wherein the security system server thereby receives two notifications of the alarm condition from the security gateway.**

2. (Canceled).

3. (Original) The system of claim 1, wherein the first network is an IP network.
4. (Original) The system of claim 1, wherein the first network is an Ethernet-based network.
5. (Original) The system of claim 1, wherein the first network comprises the Internet.
6. (Original) The system of claim 1, wherein the first network comprises a frame relay network.
7. (Original) The system of claim 1, wherein the first network comprises a hybrid-fiber coaxial network.
8. (Original) The system of claim 1, wherein the first network comprises a fiber-optic network.
9. (Original) The system of claim 1, wherein the first network comprises a DSL network.
10. (Original) The system of claim 1, wherein the first network comprises an ATM network.
11. (Original) The system of claim 1, wherein the first network comprises a high-speed fixed wireless network.

12. (Original) The system of claim 1, wherein the first network comprises a high-speed mobile communications network.

13. (Original) The system of claim 1, wherein the second network comprises a public switched telephone network.

14. (Original) The system of claim 1, wherein the second network comprises a fixed wireless network.

15. (Original) The system of claim 1, wherein the second network comprises a mobile communications network.

16. (Original) The system of claim 1, wherein the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said audio referred to hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said Alarm Audio to the security system server through the second network in substantially real time.

17. (Original) The system of claim 1, wherein the security system server is configured to provide notification of the alarm condition to a public safety agency.

18. (Original) The system of claim 17, wherein the security system server is further configured to provide the Alarm Video to the public safety agency.

19. (Previously Presented) The system of claim 1, wherein the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said audio referred to hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said Alarm Audio to the security system server through the first network in substantially real time.

20. (Currently Amended) A security system comprising:

a security gateway located at a premises,

wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as an Alarm Video,

wherein the security gateway further comprises a network interface, and

wherein the network interface is configured to connect the security gateway to a cable headend through a first network, wherein said first network is a hybrid-fiber-coaxial network; and

a security system server configured to connect to the cable headend through a second network,

wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server in substantially real time through the second network;

wherein the security gateway is operatively coupled to the security system server through a third network, the security gateway being further configured to notify the security system server of the alarm condition through the third network; **[[and]]**

wherein the security gateway is configured to notify the security system server of the alarm condition through the second network substantially simultaneously with notifying the security system server of the alarm condition through the third network, **and**

**wherein the security system server is configured to receive a notification of the alarm condition through the second network and to receive another notification of the alarm condition through the third network.**

21. (Original) The system of claim 20, wherein the second network is a dedicated bandwidth network.

22. (Original) The system of claim 20, wherein the second network comprises a frame relay network.

23. (Original) The system of claim 20, wherein the second network comprises an ATM network.

24. (Original) The system of claim 20, wherein the second network comprises a managed IP connection having quality of service.

25. (Canceled).

26. (Previously presented) The system of claim 20, wherein the third network comprises a public switched telephone network.

27. (Previously presented) The system of claim 20, wherein the third network comprises a fixed wireless network.

28. (Previously presented) The system of claim 20, wherein the third network comprises a mobile communications network.

29. (Previously Presented) The system of claim 20, wherein the security gateway is further operable to record audio from at least a portion of the premises relating to the alarm condition, said audio referred hereinafter as Alarm Audio, and wherein the security gateway is further configured to transmit said Alarm Audio to the security system server through the second network in substantially real time.

30. (Original) The system of claim 20, wherein the security system server is configured to provide notification of the alarm condition to a public safety agency.

31. (Original) The system of claim 30, wherein the security system server is further configured to provide the Alarm Video to the public safety agency.

32-46. (Canceled).

47. (Previously Presented) The system of claim 1, wherein the security gateway is further configured to detect if connectivity with the security system server through the first network is lost and notify the security system server through the second network of the loss of connectivity through the first network.

48. (Previously Presented) The system of claim 1, wherein the security gateway is further configured to notify the security system server in the event that connectivity with the security system server through the first network is lost while the security gateway is disarmed and the security gateway is armed before connectivity with the security system server through the first network is restored.

49. (Previously Presented) The system of claim 48, wherein the security gateway is further configured to detect if connectivity with the security system server through the first network is lost and notify the security system server through the second network of the loss of connectivity through the first network.

50. (Previously Presented) The system of claim 20, wherein the security gateway is further configured to detect if connectivity with the security system server through the first network is lost and notify the security system server through the second network of the loss of connectivity through the first network.

51. (Previously Presented) The system of claim 20, wherein the security gateway is further configured to notify the security system server in the event that connectivity with the security system server through the first network is lost while the security gateway is disarmed and the security gateway is armed before connectivity with the security system server through the first network is restored.

52. (Previously Presented) The system of claim 51, wherein the security gateway is further configured to detect if connectivity with the security system server through the first network is lost and notify the security system server through the second network of the loss of connectivity through the first network

53. (Previously Presented) A security system comprising:

a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as an Alarm Video; and

a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server through the first network in substantially real time;

wherein the security system server is further operatively coupled to the security gateway through a second network,

wherein the security gateway is configured to: (1) notify the security system server of the alarm condition through the second network; (2) detect if connectivity with the security system



server through the first network is lost; and (3) notify the security system server through the second network of the loss of connectivity through the first network.

54. (Previously Presented) The system of claim 53, wherein the security gateway is further configured to: (4) notify the security system server in the event that connectivity with the security system server through the first network is lost while the security gateway is disarmed and the security gateway is armed before connectivity with the security system server through the first network is restored.

55. (Previously Presented) A security system comprising:

a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, said video hereinafter referred to as an Alarm Video; and

a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server in substantially real time through the first network;

wherein the security system server is further operatively coupled to the security gateway through a second network,

wherein the security gateway is configured to notify the security system server of the alarm condition through the second network; and

wherein the security gateway is further configured to notify the security system server in the event that connectivity with the security system server through the first network is lost while

the security gateway is disarmed and the security gateway is armed before connectivity with the security system server through the first network is restored.

56. (Previously Presented) The system of claim 55, wherein the security gateway is further configured to detect if connectivity with the security system server through the first network is lost and notify the security system server through the second network of the loss of connectivity through the first network.

57. (Previously Presented) A security system comprising:

a security gateway located at a premises, wherein the security gateway is operable to detect an alarm condition and to record video of at least a portion of the premises relating to the alarm condition, the video hereinafter referred to as an Alarm Video;

a security system server operatively coupled to the security gateway through a first network, wherein the security gateway is configured to notify the security system server of the alarm condition and to transfer the Alarm Video to the security system server through the first network in substantially real time and wherein the security system server is remotely located relative to the security gateway;

a monitoring center operatively coupled to said security gateway through a second network, wherein the security gateway is configured to notify the monitoring center of the alarm condition through the second network, wherein the monitoring center is remotely located relative to the security gateway and the security system server and wherein the monitoring center is further operably coupled to the security system server; and

wherein the monitoring center is configured to notify the security system server of the

alarm condition.

58. (Previously Presented) The system of claim 57, wherein the monitoring center is operatively coupled to the security system server through a third network and wherein the monitoring center is configured to notify the security system server of the alarm condition through the third network.

59. (Previously Presented) The system of claim 58, wherein the security system gateway is configured to notify the security gateway of the alarm condition through the first network substantially simultaneously with notifying the monitoring station of the alarm condition through the second network.

60. (Previously Presented) The system of claim 57, wherein the monitoring center is operatively coupled to the security system server through the first network and wherein the monitoring center is configured to notify the security system server of the alarm condition through the first network.

61. (Previously Presented) The system of claim 60, wherein the security system gateway is configured to notify the security gateway of the alarm condition through the first network substantially simultaneously with notifying the monitoring station of the alarm condition through the second network.